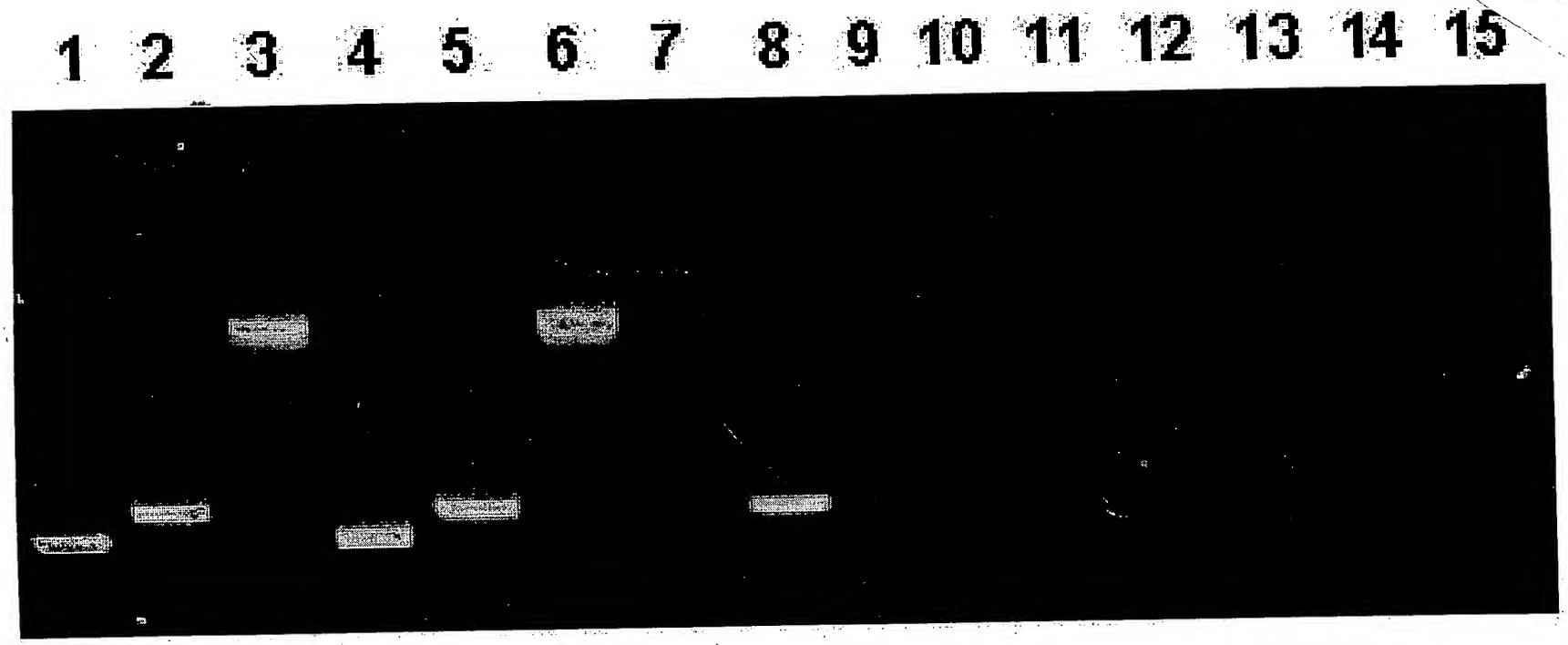
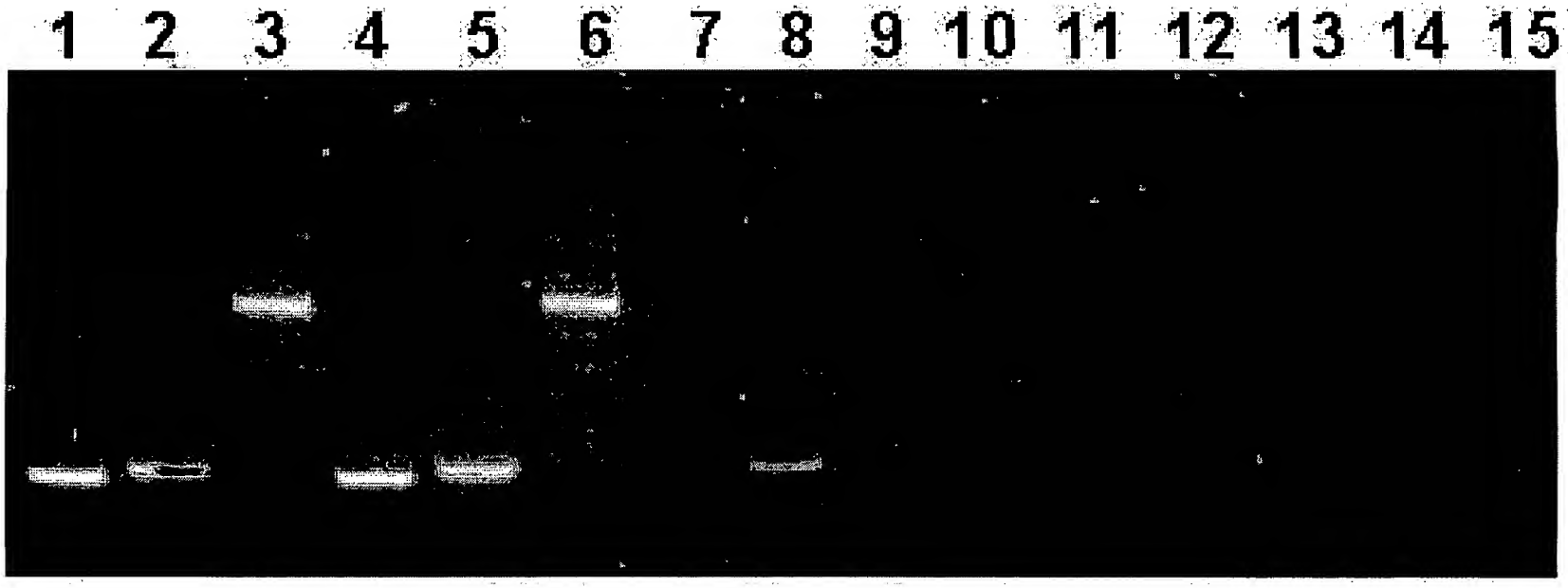


5' primer	hAFP1	hAFP3	hAFP1
3' primer	hAFP2	hAFP4	hAFP4
Target exons (DNA length)	1~3 (257bp)	12~14 (355bp)	1~14 (1836bp)
Hep3B	**1**	**2**	**3**
HepG2	**4**	**5**	**6**
K562	7	**8**	9
STO	10	11	12
No cDNA	13	14	15

Figure 1



5' primer	hALB1	hALB3	hALB1
3' primer	hALB2	hALB4	hALB4
Target exons (DNA length)	1~4 (333bp)	12~14 (358bp)	1~14 (1836bp)
HepG2	**1**	**2**	**3**
Hep3B	**4**	**5**	**6**
K562	7	**8**	9
STO	10	11	12
No cDNA	13	14	15

Figure 2

Viability of Fetal Liver Cells After Cryopreservation

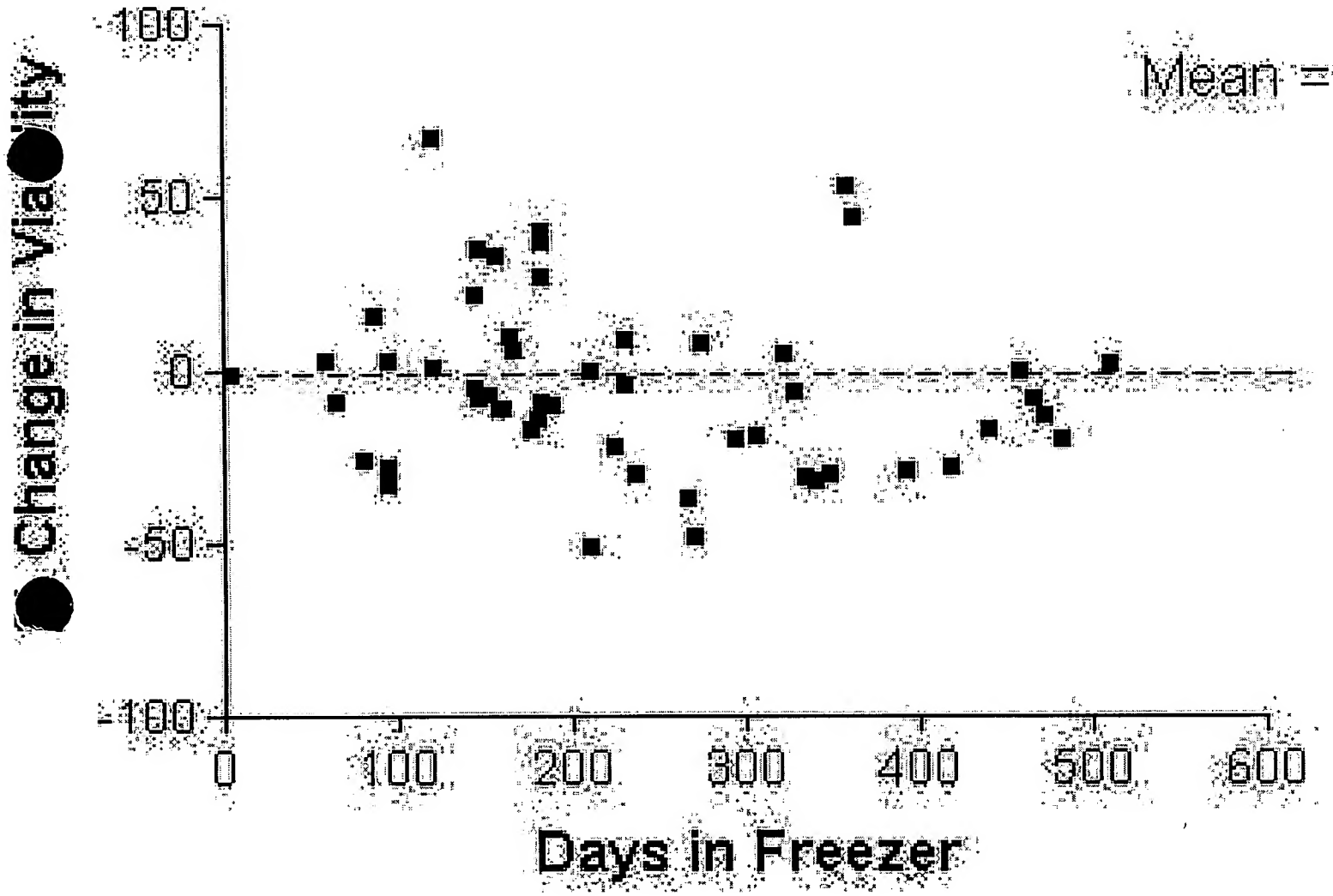


Figure 3 .011900

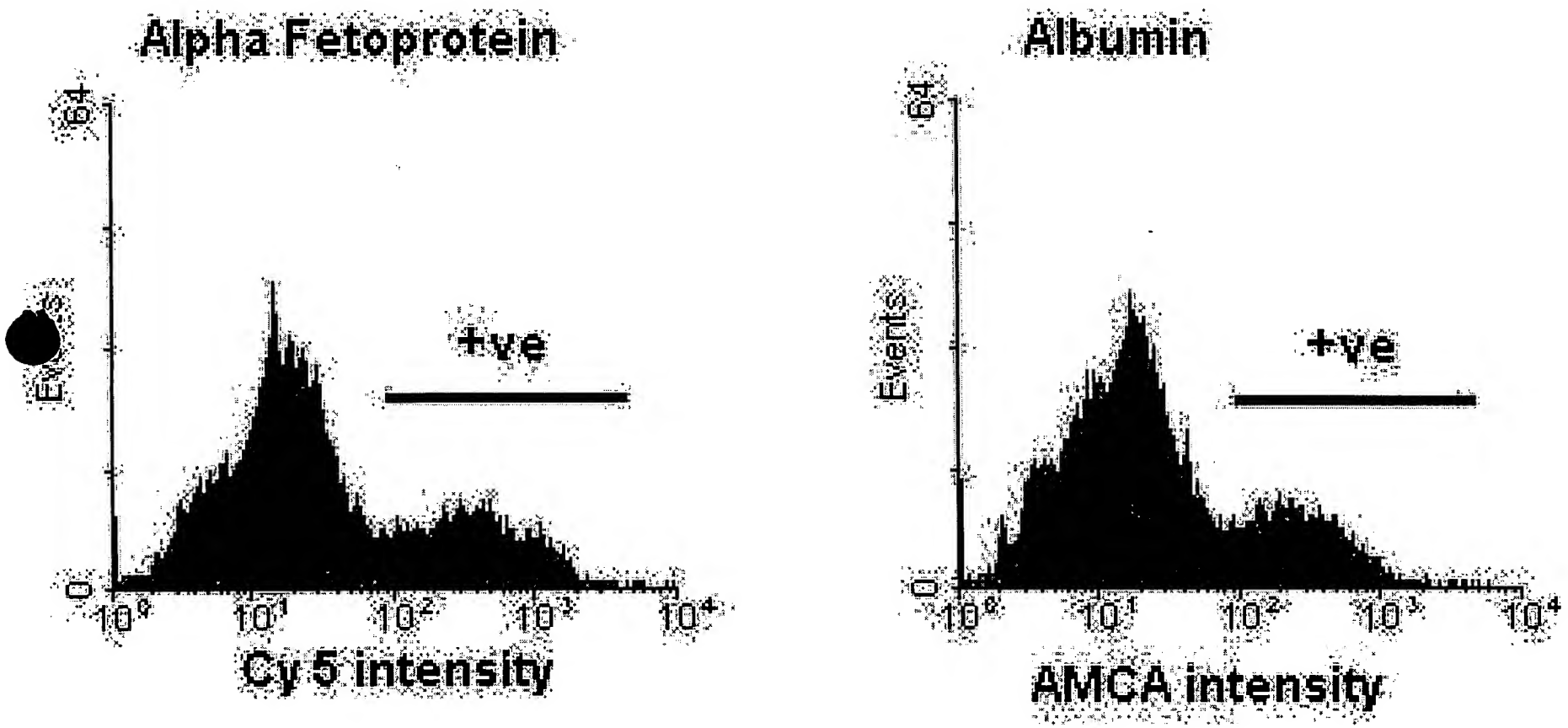


Figure 4

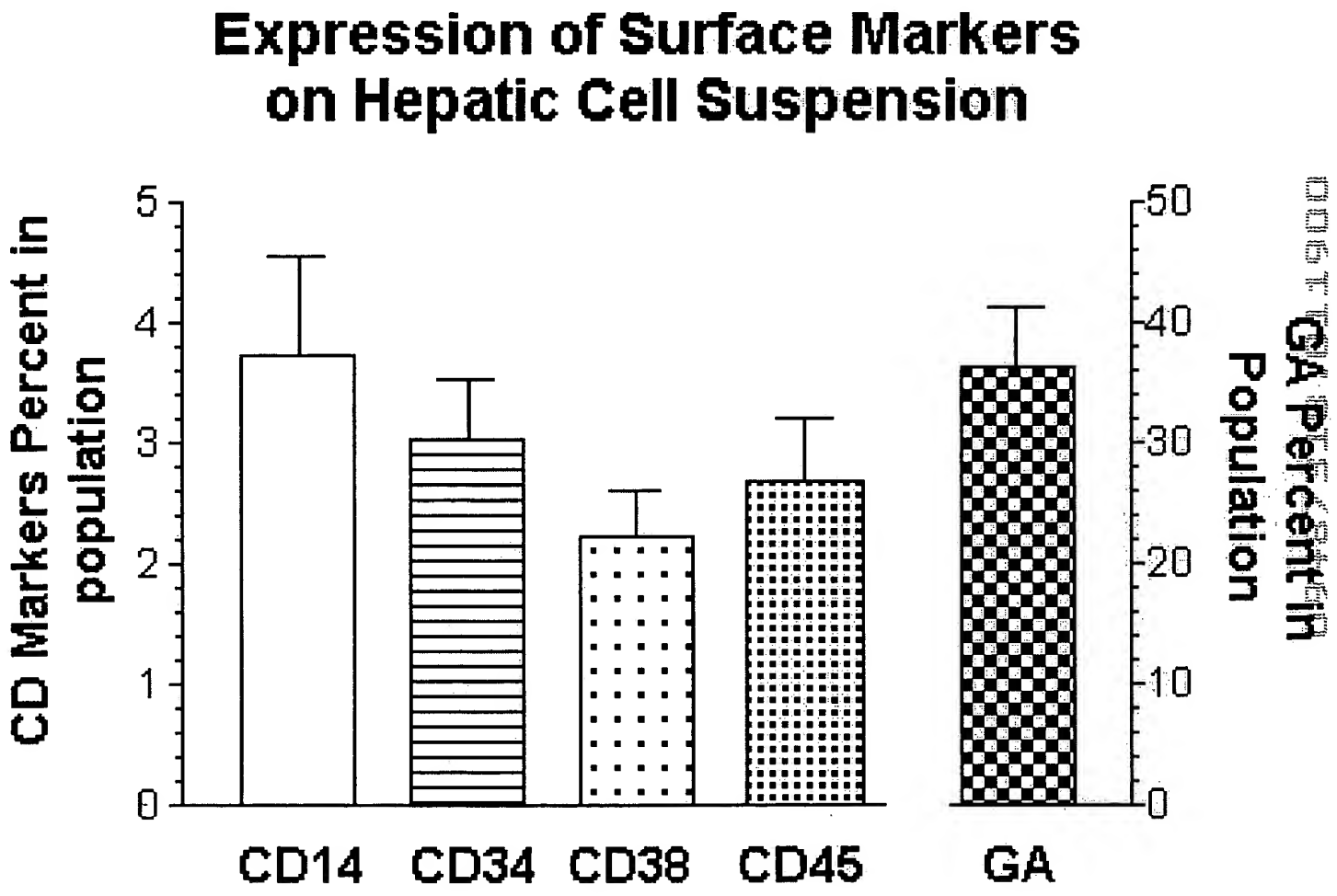

Expression of Surface Markers
on Hepatic Cell Suspension
CD Markers Percent in population
GA Percent in Population
0
1
2
3
4
5
0
10
20
30
40
50
CD14
CD34
CD38
CD45
GA

Figure 5

Co-expression of cell surface antigens and α-Fetoprotein by fetal liver cells

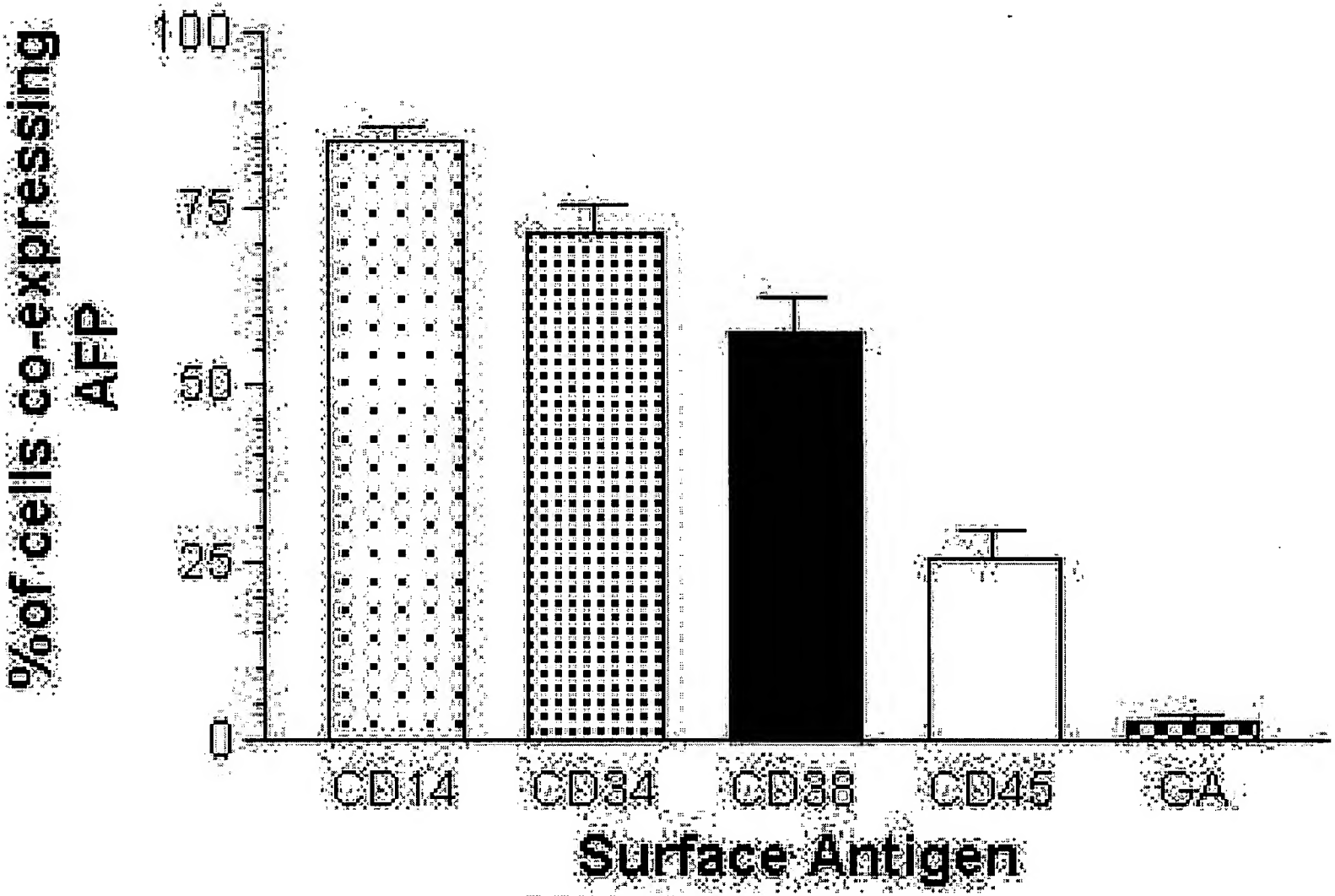
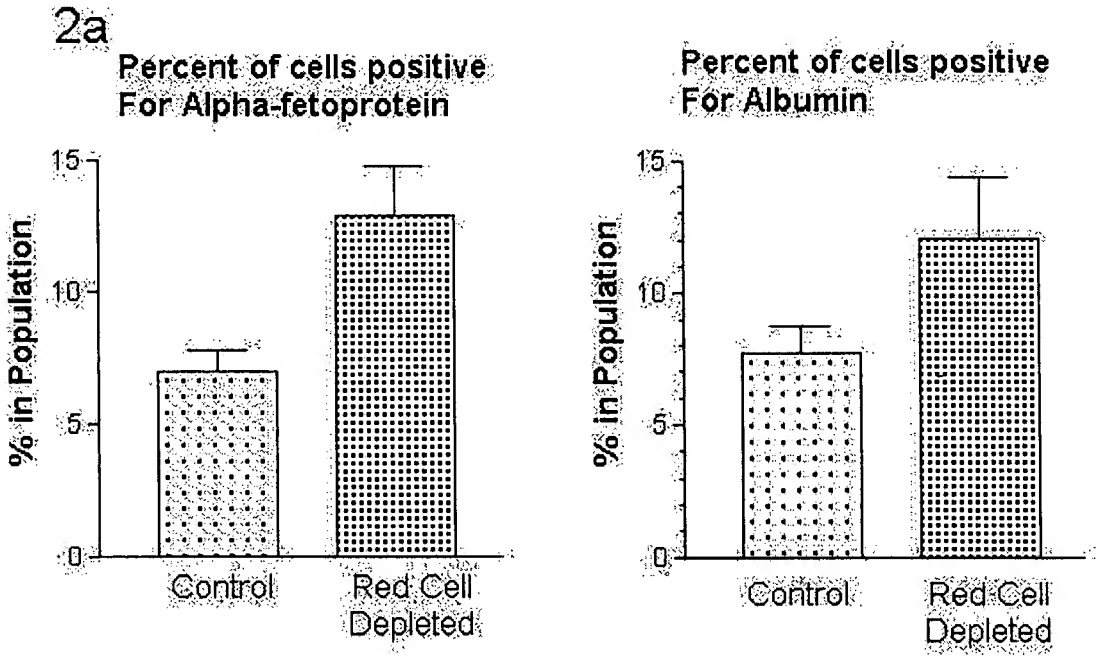


Figure 6



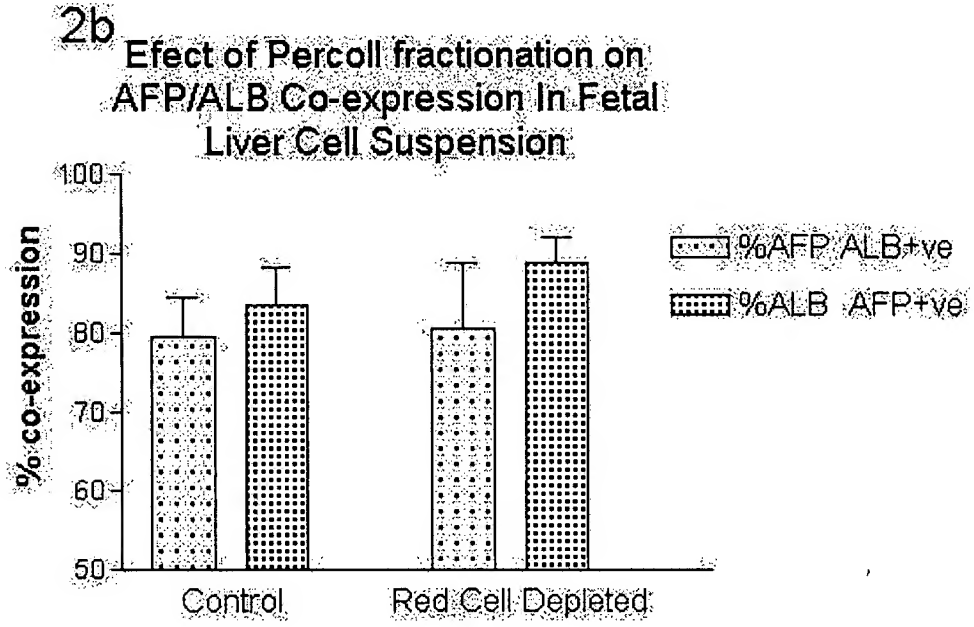


Figure 7

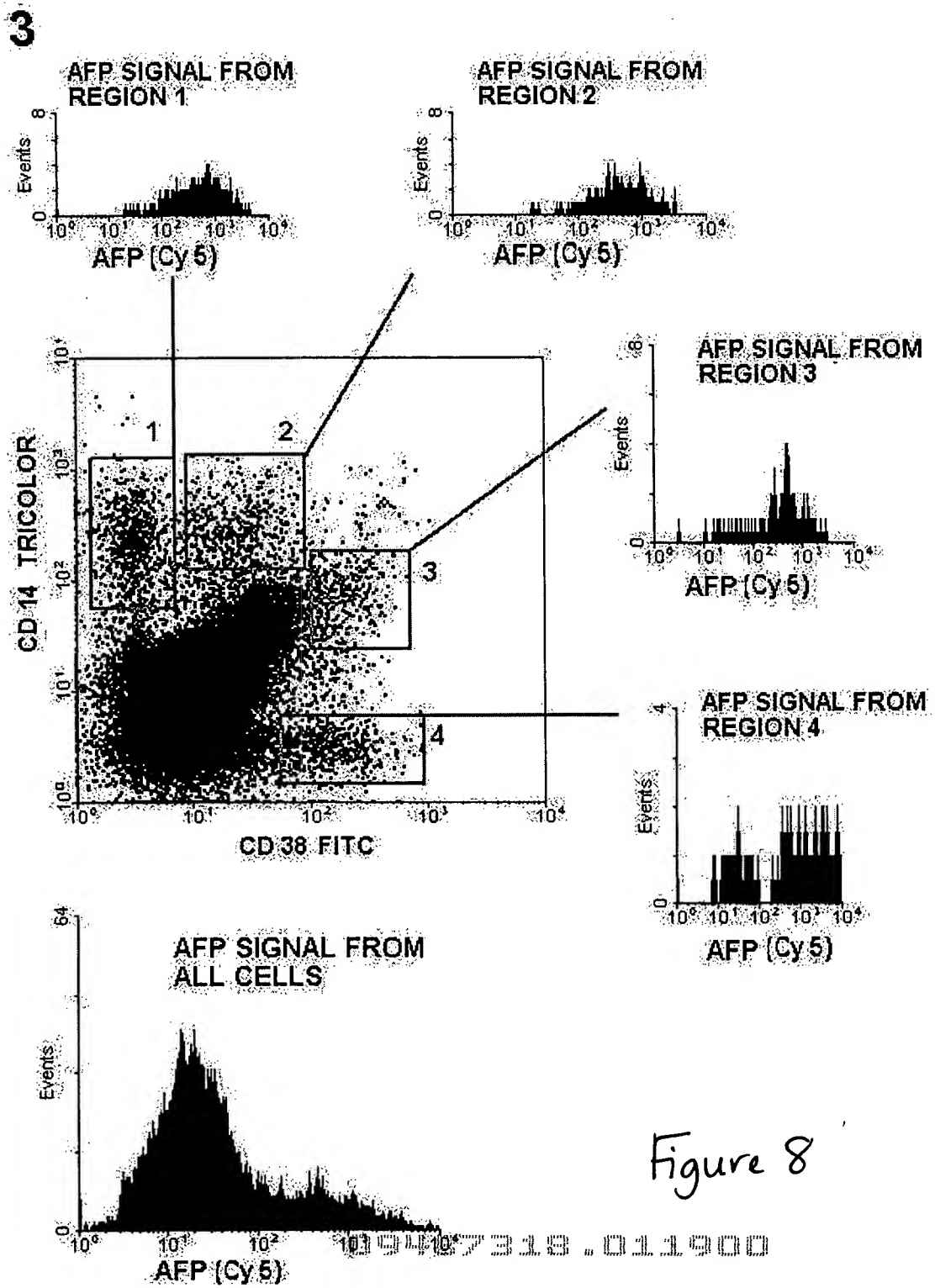


Figure 8

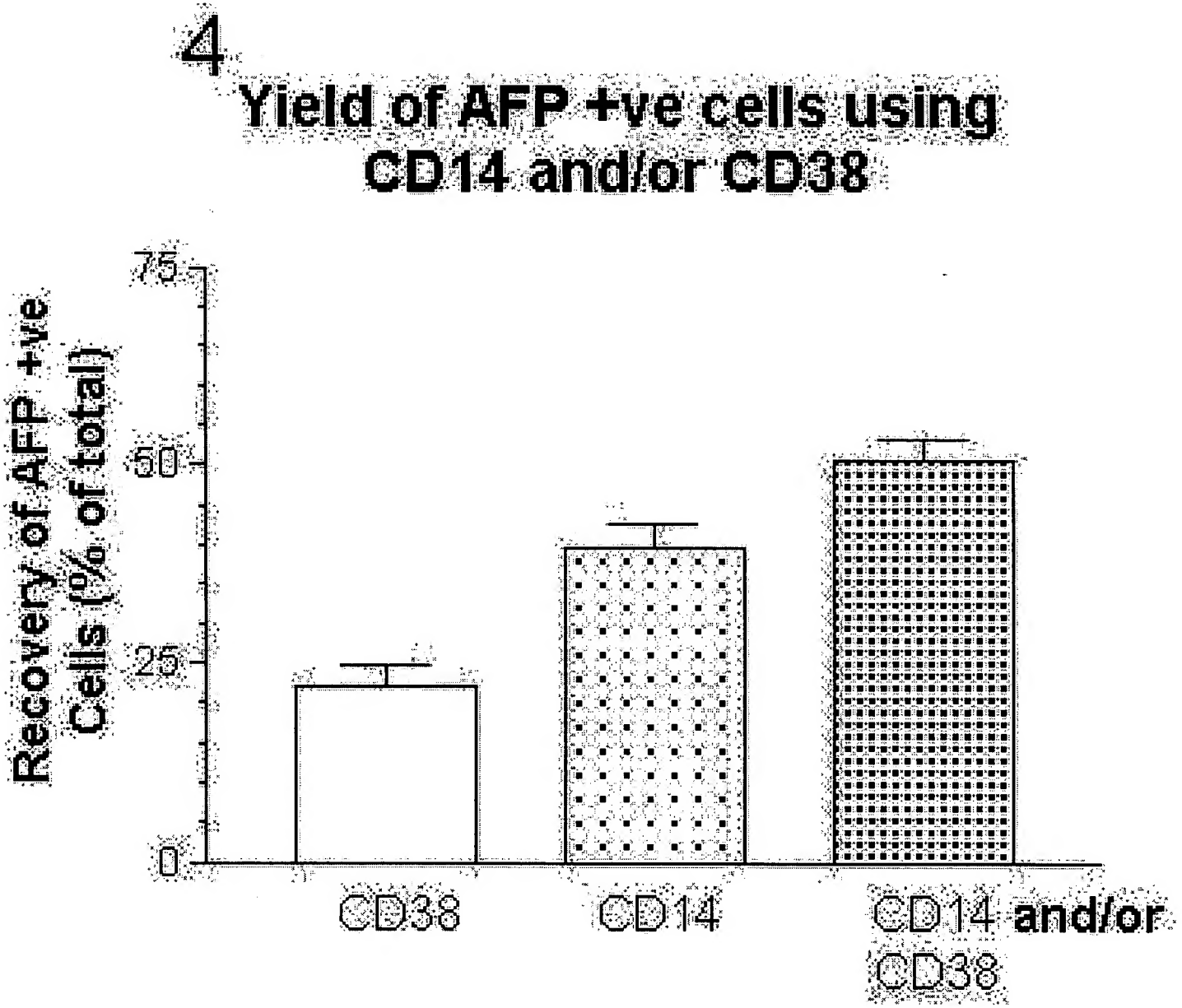

4
Yield of AFP +ve cells using CD14 and/or CD38
Recovery of AFP +ve Cells (% of total)
75
50
25
0
CD38
CD14
CD14 and/or CD38

Figure 9

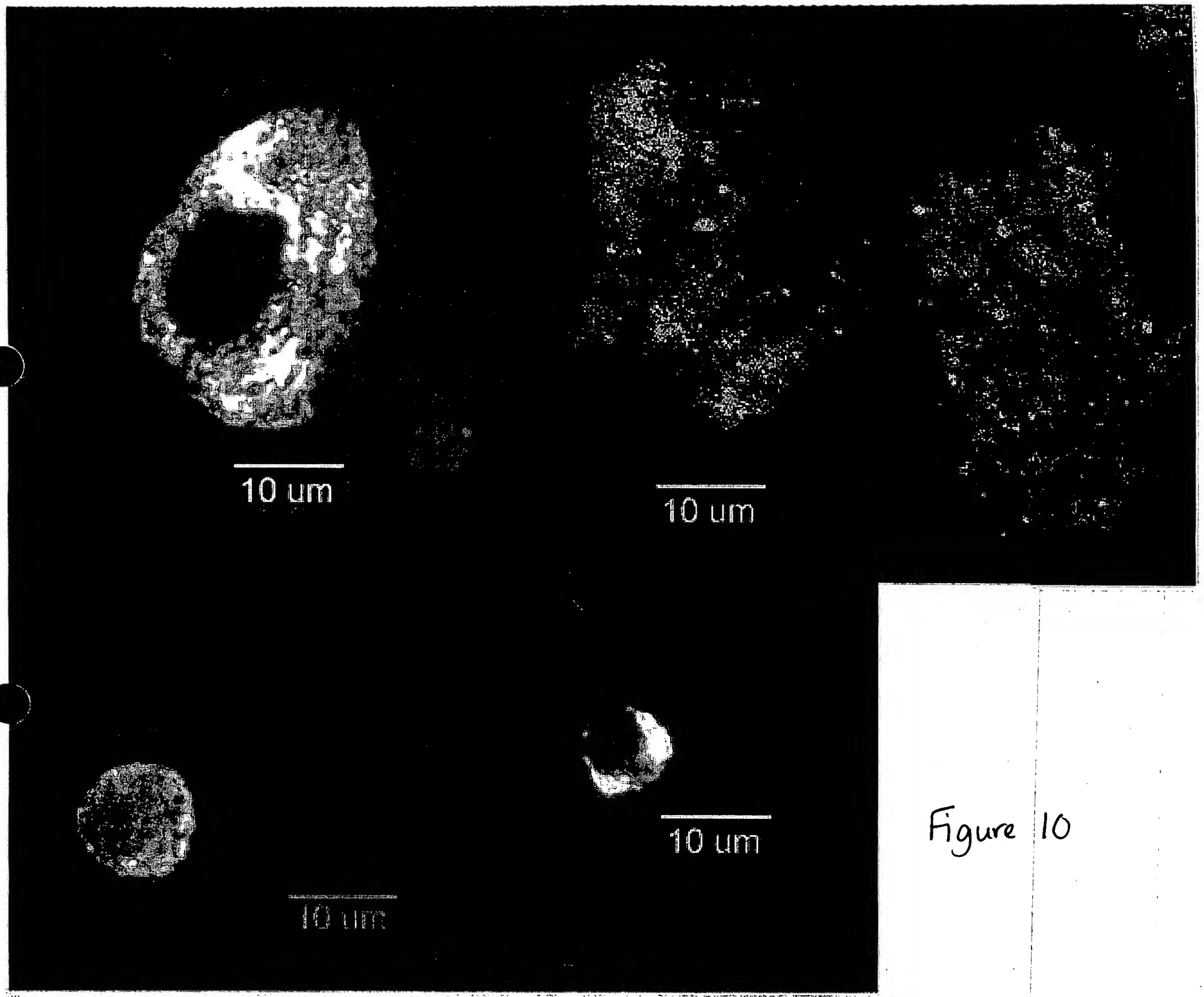
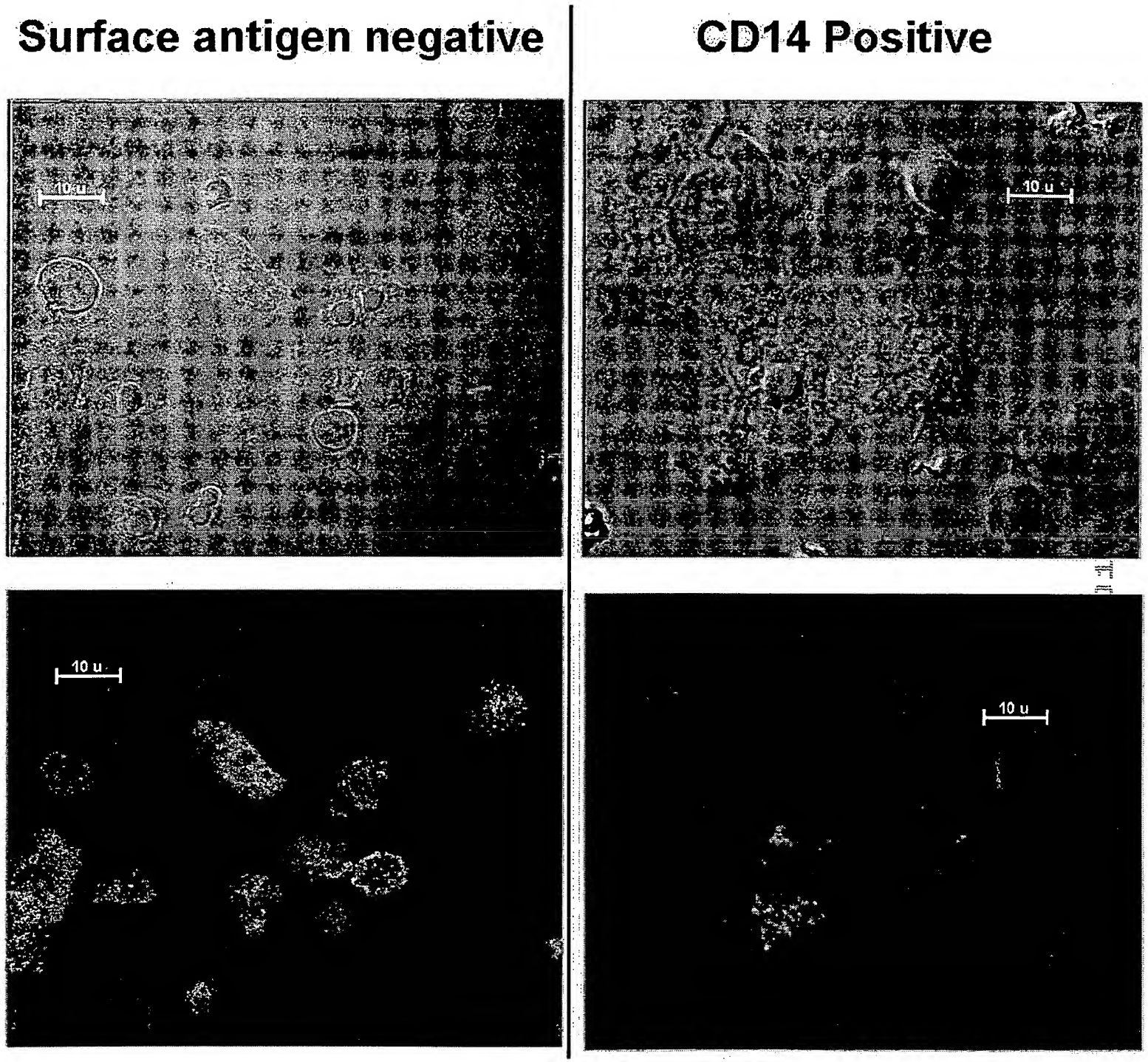


Figure 10



Upper: DIC image of cells

Lower: AFP Immunofluoresence

Figure 11

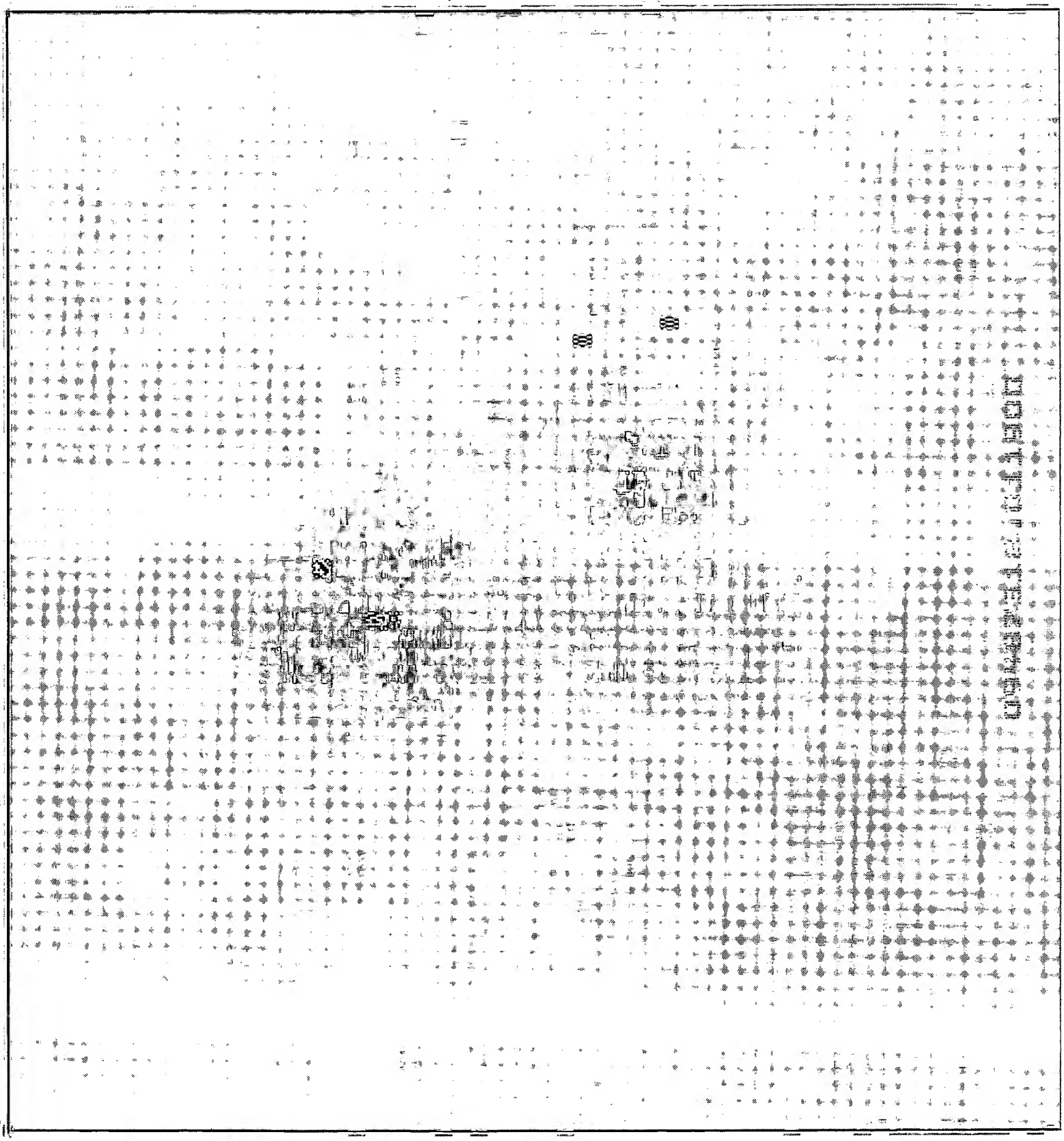


Figure 12a

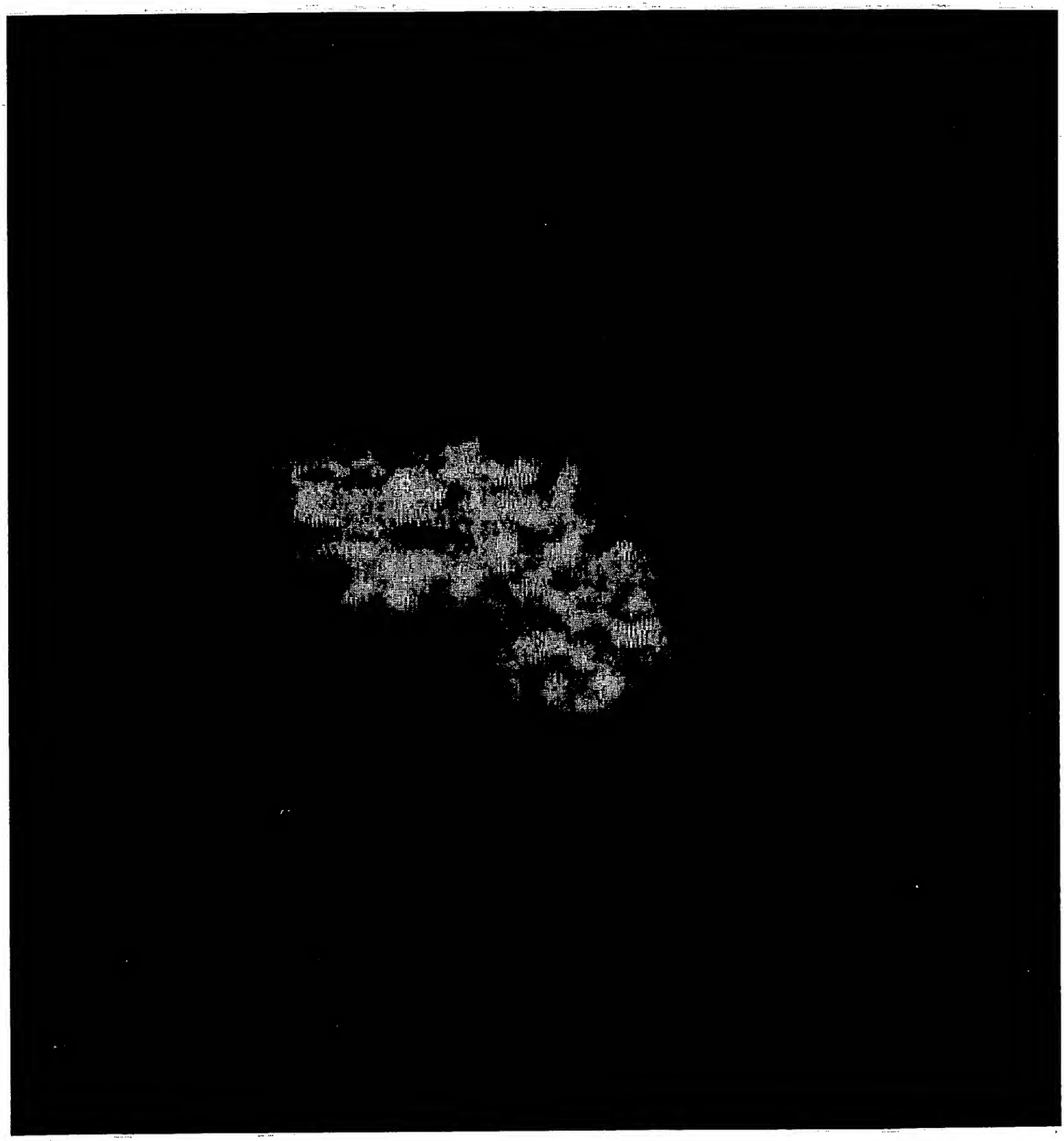


Figure 12b

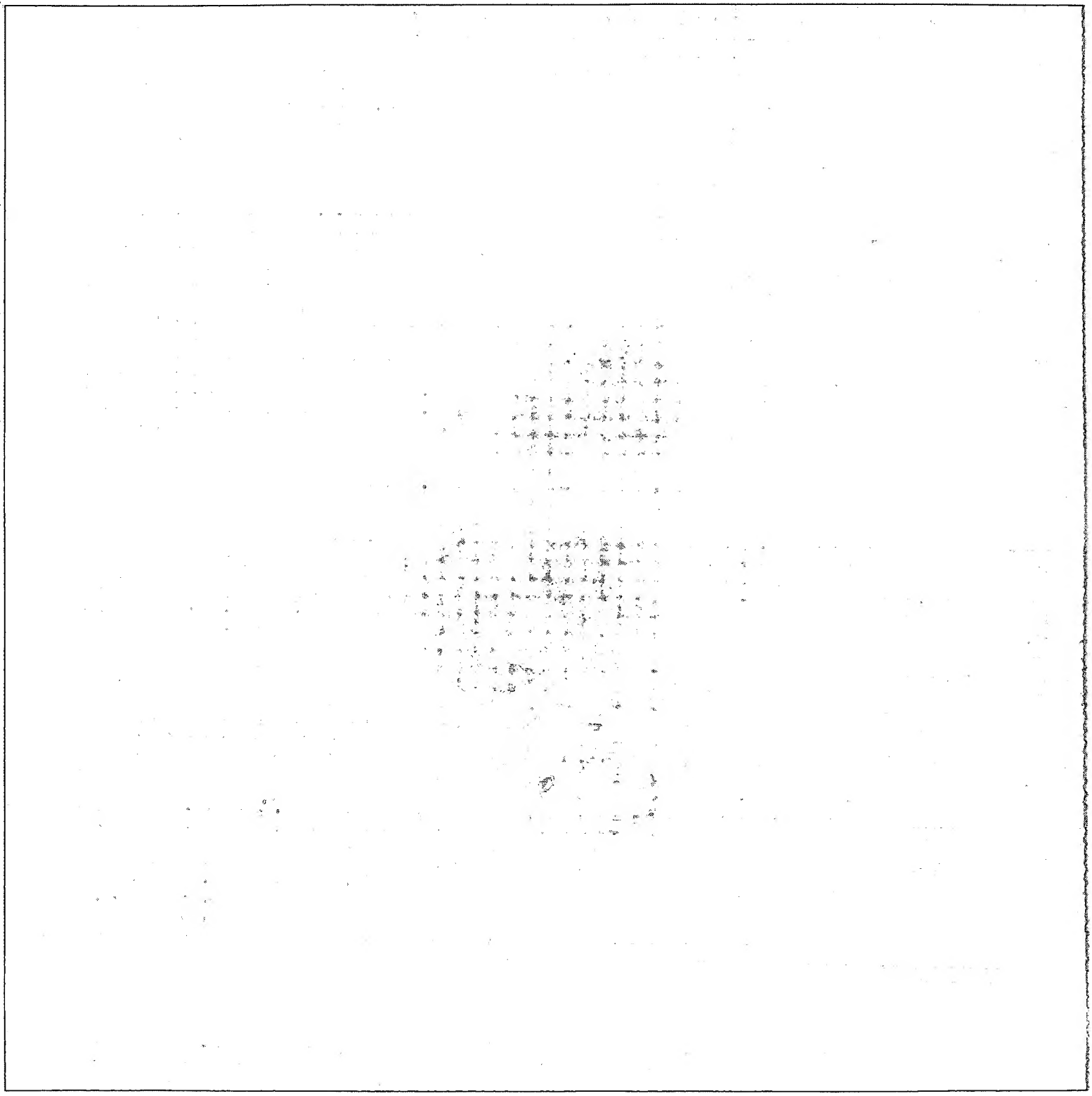


Figure 12c

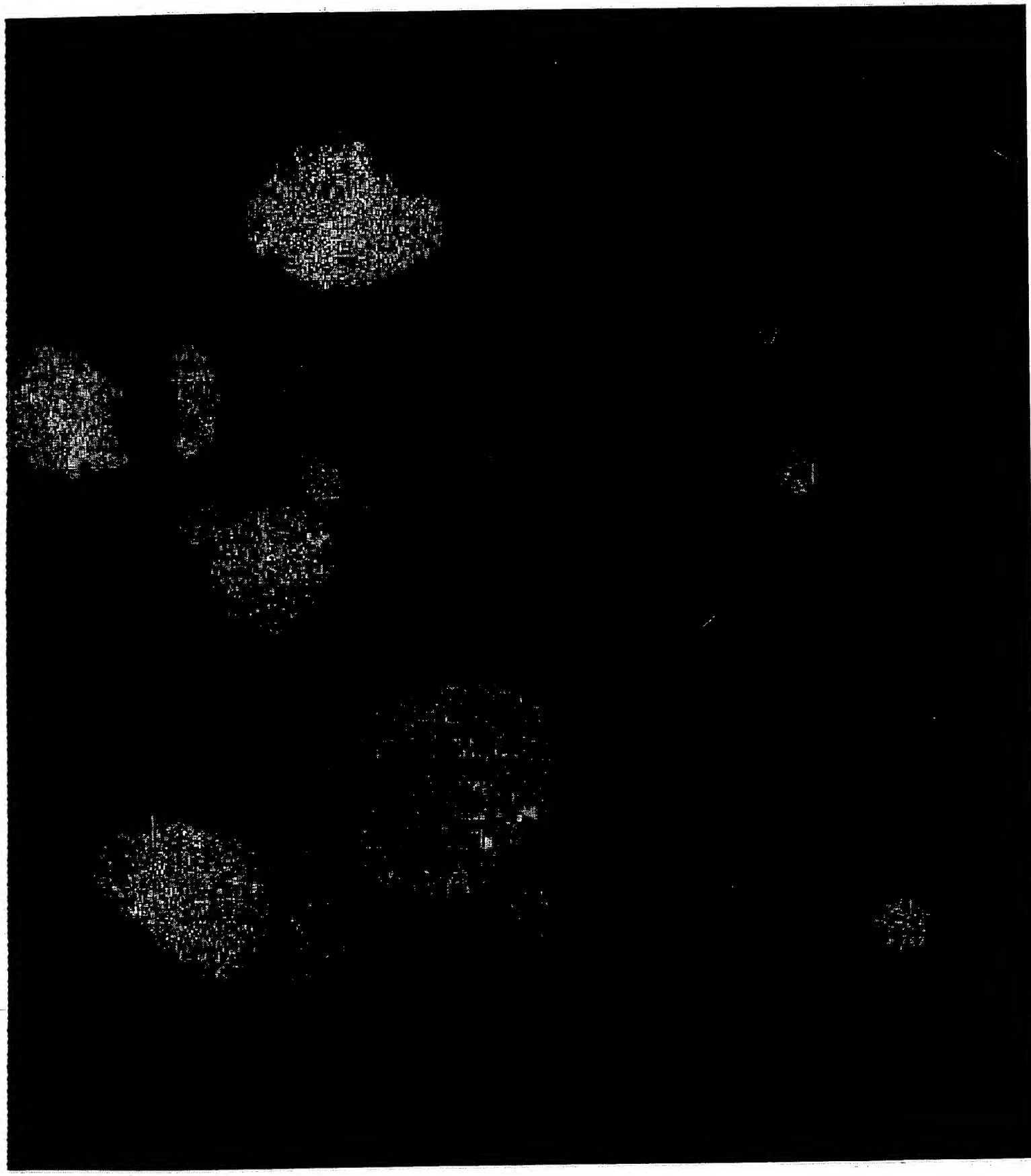


Figure 13a

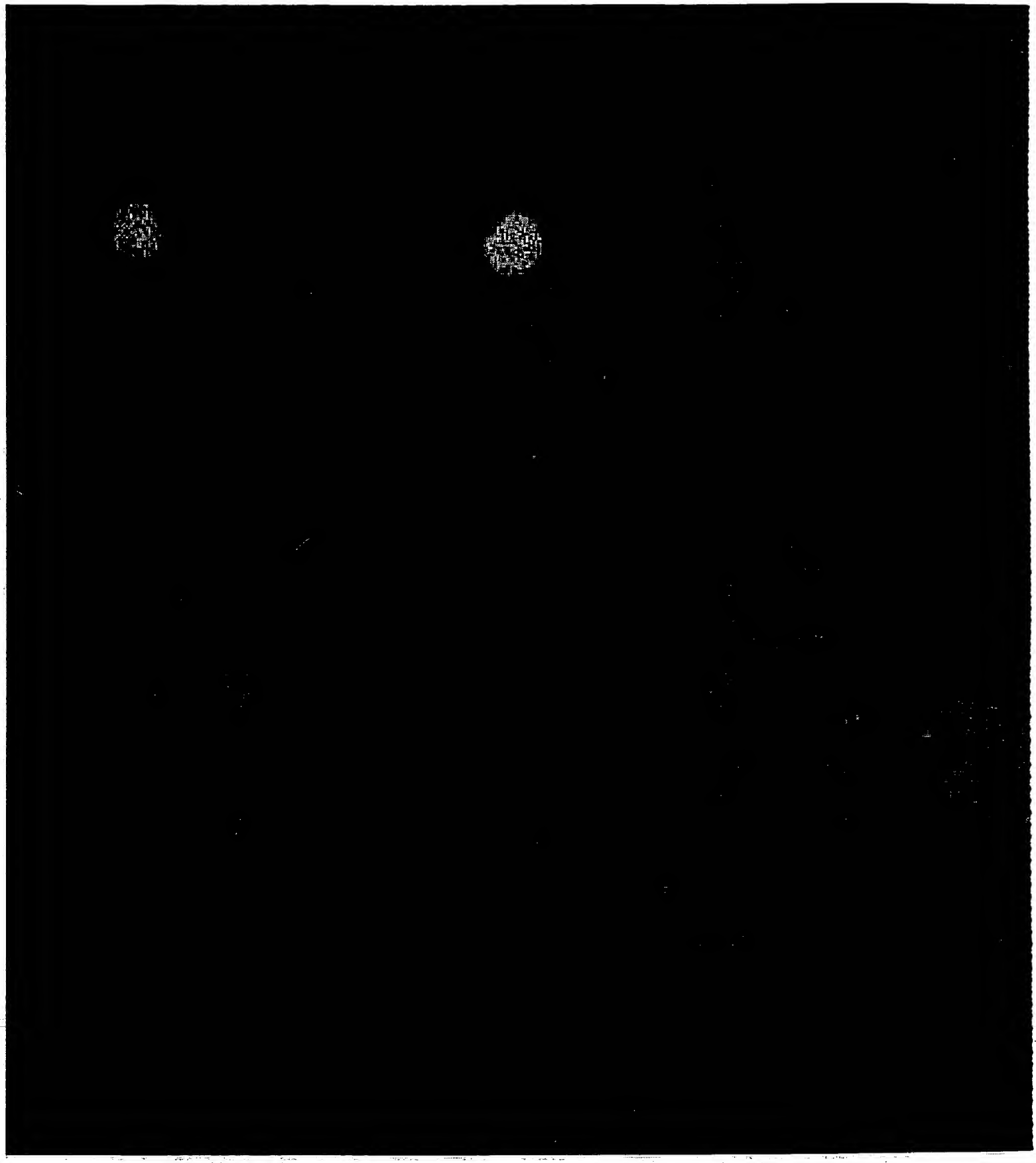


Figure 13b